

WHAT IS CLAIMED IS:

1. A laminated structure comprising:  
a substrate expecting a damping or soundproofing effect; and  
laminated cured product layers formed from plurality of fluid resin compositions provided on the substrate,  
wherein at least two of the cured product layers are different in hardness.

2. The laminated structure according to claim 1,  
wherein the hardest layer in the cured product layers has a hardness (JIS-D hardness) of 70 or more.

3. The laminated structure according to claim 1,  
wherein the hardest layer in the cured product layers has a thickness of 10  $\mu\text{m}$  or more.

4. The laminated structure according to claim 1,  
wherein the softest layer in the cured product layers has a hardness (JIS-A hardness) of 80 or less.

5. The laminated structure according to claim 1,  
wherein the softest layer in the cured product  
layers has a thickness of 10  $\mu\text{m}$  or less.

6. The laminated structure according to claim 1,  
wherein no part of the hardest layer in the cured  
product layers is directly formed on the substrate.

7. The laminated structure according to claim 6,  
wherein the hardest layer in the above cured product  
layers is formed on the substrate via an intermediate  
layer.

8. The laminated structure according to claim 1,  
wherein the cured product layers are composed of two  
layers.

9. The laminated structure according to claim 1,  
wherein the hardest layer in the cured product  
layers has a specific gravity of 1.4 or more.

10. The laminated structure according to claim 1,  
wherein the cured product layers are formed on at  
least part of the substrate.

11. The laminated structure according to claim 1,  
wherein the substrate has concave part on its  
surface,

wherein the cured product layers are formed on the  
concave part of the substrate.

12. The laminated structure according to claim 1,  
wherein the cured product layers are formed on at  
least one side of the substrate.

13. The laminated structure according to claim 1,  
wherein the cured product layers comprise  
plurality of cured product layers different in glass  
transition temperature.

14. The laminated structure according to claim 1,  
wherein the cured product layers are formed by  
applying and curing the fluid resin compositions.

15. The laminated structure according to claim 1,  
wherein the cured product layers are sequentially  
formed by applying and curing the respective fluid resin  
composition.

16. The laminated structure according to claim 1,  
wherein the substrate is a thin plate-shape having a  
thickness of 2 mm or less.

17. The laminated structure according to claim 1,  
wherein the substrate is a cover part for an  
apparatus generating vibration and sound.

18. The laminated structure according to claim 1, wherein the fluid resin compositions forming the cured product layers each has curability selected from the group consisting of energy beam curability, thermal curability, moisture curability, and multi-liquid mixing curability.

19. The laminated structure according to claim 1, wherein the fluid resin compositions forming the cured product layers each contains no tin compound.

20. The laminated structure according to claim 1, wherein the fluid resin compositions forming the each cured product layers each contains no low molecular weight siloxane.

21. The laminated structure according to claim 1, wherein the fluid resin compositions forming the cured product layers each has a total content of anionic constituents of 100 ppm or less.

22. The laminated structure according to claim 1,  
wherein the cured product layers each gives an  
outgas amount of 100 ppm or less.